Flight-Testing Newton's Laws			
2005 Mathematics			
Content and Achievement Standards			
North Dakota Mathematics			
Grades 9-10			
Activity/Lesson	State	Standards	
Session-10 (1-5)	ND	MA.9-10.9-10.5.8	Manipulate algebraic expressions and equations using properties of real numbers; e.g., simplify, factor
Session-2 (1-10)	ND	MA.9-10.9-10.5.7	Use algebraic expressions, equations, or inequalities involving one or two variables to represent relationships (e.g., given a verbal statement, write an equivalent algebraic expression or equation) found in various contexts (e.g., time and distance problems, mixture problems)
Session-2 (1-10)	ND	MA.9-10.9-10.5.8	Manipulate algebraic expressions and equations using properties of real numbers; e.g., simplify, factor
Session-4 (1-11)	ND	MA.9-10.9-10.5.3	Determine whether a relation is a function by examining various representations of the relation; e.g., table, graph, equation, set of ordered pairs
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Session-5 (1-6)	ND	MA.9-10.9-10.5.3	Determine whether a relation is a function by examining various representations of the relation; e.g., table, graph, equation, set of ordered pairs
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Session-6 (1-8)	ND	MA.9-10.9-10.5.3	Determine whether a relation is a function by examining various representations of the relation; e.g., table, graph, equation, set of ordered pairs

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Session-6 (1-8)	ND	MA.9-10.9-10.5.8	Manipulate algebraic expressions and equations using properties of real numbers; e.g., simplify, factor
Session-7 (1-5)	ND	MA.9-10.9-10.5.3	Determine whether a relation is a function by examining various representations of the relation; e.g., table, graph, equation, set of ordered pairs
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Session-7 (1-5)	ND	MA.9-10.9-10.5.8	Manipulate algebraic expressions and equations using properties of real numbers; e.g., simplify, factor